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11324U.S.  
PTO

PTO/SB/05 (06-03)

Approved for use through 04/30/2003. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## UTILITY

PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

ENP-003

First Inventor

Dwarkanath, et al.

Title

Driver for a Power Converter and a  
Method of Driving a Switch Thereof

Express Mail Label No.

EV 374001457 US

22264  
U.S.  
PTO  
0767540

012904

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 34]  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table, or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 7]

5. Oath or Declaration [Total Sheets 1]  
a.  Newly executed (original or copy)  
b.  Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)  
i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:  
Commissioner for Patents  
Mail Stop Patent Application  
P.O. Box 1450  
Alexandria, VA 22313-1450

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a.  Computer Readable Form (CRF)  
b.  Specification Sequence Listing on:  
i.  CD-ROM or CD-R (2 copies); or  
ii.  paper  
c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s))

10.  37 CFR 3.73(b) Statement  Power of Attorney  
(when there is an assignee)

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (1) (MPEP 503)  
(Should be specifically itemized)

15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17.  Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Art Unit: \_\_\_\_\_

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

 Customer Number

25962

OR

 Correspondence address below

|         |                         |           |              |          |              |
|---------|-------------------------|-----------|--------------|----------|--------------|
| Name    | Slater & Matsil, L.L.P. |           |              |          |              |
| Address | 17950 Preston Rd.       |           |              |          |              |
|         | Suite 1000              |           |              |          |              |
| City    | Dallas                  | State     | Texas        | Zip Code | 75252-5793   |
| Country | USA                     | Telephone | 972-732-1001 | Fax      | 972-732-9218 |

|                   |                   |                                   |                  |
|-------------------|-------------------|-----------------------------------|------------------|
| Name (Print/type) | Glenn W. Boisbrun | Registration No. (Attorney/Agent) | 39,615           |
| Signature         |                   |                                   | Date             |
|                   |                   |                                   | January 29, 2004 |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 428.00)

## Complete if Known

|                      |                    |
|----------------------|--------------------|
| Application Number   | TBD                |
| Filing Date          | TBD                |
| First Named Inventor | Dwarkanath, et al. |
| Examiner Name        | TBD                |
| Art Unit             | TBD                |
| Attorney Docket No.  | ENP-003            |

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None

 Deposit Account

|                        |                         |
|------------------------|-------------------------|
| Deposit Account Number | 50-1065                 |
| Deposit Account Name   | Slater & Matsil, L.L.P. |

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Description     | Fee Paid           |
|--------------|--------------|---------------------|--------------------|
| Fee Code     | Fee (\$)     | Fee Code            | Fee (\$)           |
| 1001         | 770          | 2001                | 385                |
| 1002         | 330          | 2002                | 165                |
| 1003         | 520          | 2003                | 260                |
| 1004         | 750          | 2004                | 375                |
| 1005         | 180          | 2005                | 80                 |
|              |              | <b>SUBTOTAL (1)</b> | <b>(\$ 385.00)</b> |

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Independent Claims | Multiple Dependent | Extra Claims | Fee from below | Fee Paid     |
|--------------|--------------------|--------------------|--------------|----------------|--------------|
|              |                    |                    | 20           | -20** = 0      | X 9 = 0.00   |
| 4            |                    |                    | 4            | - 3** = 1      | X 43 = 43.00 |
|              |                    |                    |              |                |              |

| Large Entity | Small Entity | Fee Description                |
|--------------|--------------|--------------------------------|
| Fee Code     | Fee (\$)     | Fee Code                       |
| 1202         | 18           | 2202                           |
| 1201         | 86           | 2201                           |
| 1203         | 280          | 2203                           |
| 1204         | 84           | 2204                           |
| 1205         | 18           | 2205                           |
|              |              | <b>SUBTOTAL (2)</b> (\$ 43.00) |

\*\* or number previously paid, if greater; For Reissues, see above

| Large Entity                      | Small Entity | Fee Description     | Fee Paid         |
|-----------------------------------|--------------|---------------------|------------------|
| Fee Code                          | Fee (\$)     | Fee Code            | Fee (\$)         |
| 1051                              | 130          | 2051                | 65               |
| 1052                              | 50           | 2052                | 25               |
| 1053                              | 130          | 1053                | 130              |
| 1812                              | 2,520        | 1812                | 2,520            |
| 1804                              | 920*         | 1804                | 920*             |
| 1805                              | 1,840*       | 1805                | 1,840*           |
| 1251                              | 110          | 2251                | 55               |
| 1252                              | 410          | 2252                | 205              |
| 1253                              | 930          | 2253                | 465              |
| 1254                              | 1,450        | 2254                | 725              |
| 1255                              | 1,970        | 2255                | 985              |
| 1401                              | 320          | 2401                | 160              |
| 1402                              | 320          | 2402                | 160              |
| 1403                              | 280          | 2403                | 140              |
| 1451                              | 1,510        | 1451                | 1,510            |
| 1452                              | 110          | 2452                | 55               |
| 1453                              | 1,300        | 2453                | 650              |
| 1501                              | 1,300        | 2501                | 650              |
| 1502                              | 470          | 2502                | 235              |
| 1503                              | 630          | 2503                | 315              |
| 1460                              | 130          | 1460                | 130              |
| 1807                              | 50           | 1807                | 50               |
| 1806                              | 180          | 1806                | 180              |
| 8021                              | 40           | 8021                | 40               |
| 1809                              | 750          | 2809                | 375              |
| 1810                              | 750          | 2810                | 375              |
| 1801                              | 750          | 2801                | 375              |
| 1802                              | 900          | 1802                | 900              |
| Other fee (specify)               |              |                     |                  |
| *Reduced by Basic Filing Fee Paid |              |                     |                  |
|                                   |              | <b>SUBTOTAL (3)</b> | <b>(\$ 0.00)</b> |

| SUBMITTED BY      |                   | Complete if applicable            |        |                        |
|-------------------|-------------------|-----------------------------------|--------|------------------------|
| Name (Print/Type) | Glenn W. Boisbrun | Registration No. (Attorney/Agent) | 39,615 | Telephone 972-732-1001 |
| Signature         |                   |                                   |        | Date January 29, 2004  |

WARNING: Information on this form may become public. Credit card information should not be included in this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Dwarakanath, *et al.* Docket No.: ENP-003  
Serial No.: TBD Art Unit: TBD  
Filed: HEREWITH Examiner: TBD  
For: Driver for a Power Converter and a Method of Driving a Switch Thereof

**Certificate of Mailing via Express Mail**

**EXPRESS MAIL** mailing label number: EV 374001457 US

Date of Deposit: January 29, 2004

I hereby certify that the following documents, which are enclosed, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to: Mail Stop: Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450:

Certificate of Mailing via Express Mail (1 page)  
Utility Patent Application Transmittal (1 page)  
Fee Transmittal (1 original and 1 copy = 2 pages)  
Complete Copy of Patent Application (41 pages), to include:  
    Specification (34 pages)  
    Drawings (7 pages)  
Declaration and Power of Attorney (1 page)  
Return Postcard

Respectfully submitted,



Dusty Dudley  
Legal Assistant

Slater & Matsil, L.L.P.  
17950 Preston Rd., Suite 1000  
Dallas, Texas 75252-5793  
Tel: 972-732-1001  
Fax: 972-732-9218